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SOURCE Magyar Nemzet

DESIGN DUPLICATOR LATHE ATTACHMENT IN HUNGARY

Jozsef Bogdanyi, Bela Nemet, Lajos Varga, Gyorgy Nemet, and Otto Zahalka, of the Mintagepgyar (Model Machine Factory), have designed a duplicator lathe attachment which will be known as the Hydrofix. The duplicator was constructed and tested at the Mintagepgyar. It can be attached to any type of lathe.

A pattern of the piece to be worked is laid on the lathe. The duplicator attachment has a feeler which measures the pattern and sets the blades of the lathe accordingly. The lathe will then reproduce the pattern with an error of only one twentieth of a millimeter.

The duplicator attachment has been in use for 6 months at the Esztergomi Szerszamgepgyar (Esztergom Machine Tool Factory). The average productivity of the lathe on which it was installed increased 430 percent, and nearly 900 percent during a recent work competition.

The Hydrofix duplicator lathe attachment is being produced in series at the Kobanyai Szerszamgepgyar (Kobanya Machine Tool Factory).

Bela Nemet, one of the young designers, has since become head of the production department of the Ministry of General Machine Industry.

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